GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:4802
ANSWERED ON:15.12.2016
Transmission Lines
Rajoria Dr. Manoj

Will the Minister of POWER be pleased to state:

(a) the present capacity of power transmission lines in the country;
(b) whether the transmission lines are being run on their full capacity;
(c) if so, the details thereof and if not, the reasons therefor;
(d) whether the power surplus States are unable to supply/divert their surplus power to power deficit States on account of constraints in inter-regional transmission; and

(e) if so, the details thereof and the steps being taken by the Government to address the issue?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) : At present, a total of about 359,000 of circuit kilometers of transmission lines and 701 GVA of transformation capacity of Substations, (for the 220 kV and above voltage levels) exist in the country.

(b) & (c) : The transmission lines in the country are operated in accordance with the respective Grid Codes i.e. Indian Electricity Grid Code (IEGC) of Central Electricity Regulatory Commission (CERC) in respect of Inter State Transmission lines and in accordance with State Grid Codes of respective State Electricity Regulatory Commissions (SERCs) for the intra state transmission lines.

(d) & (e): The interstate transmission lines are planned and implemented as a part of the evacuation system from Inter State Generation Stations (ISGS) and also as system strengthening projects. These lines are mainly used for delivery of power from these generating stations to their beneficiaries in various states. These lines are also used to transfer power from surplus states/regions to deficit states/regions. Because of sufficient increase in the capacity in transmission during the last two years, only 0.1% of volume of electricity could not be cleared because of congestion in the market during the current year 2016-17 (upto August). Thus, the surplus states are able to supply power to the power deficit states.

The Government has targeted to commission 1,07,440 ckm of transmission lines during 12th Plan period. Out of this 1,01,852 ckm has already been commissioned upto November, 2016.

****